

ABSTRACT

- 5 **ELECTRICAL APPARATUS COMPRISING A MONITORING DEVICE, A
SUPPORT AND MONITORING DEVICE FOR SUCH AN APPARATUS, AND
ELECTRICAL INSTALLATION INCORPORATING THEM.**

10 The electrical apparatus comprises a monitoring device of at least one electrical component
comprising electromagnetic receiving means connected to at least one sensor, and designed
to receive an electromagnetic radiation from electromagnetic emitting means. The
electrical switchgear support in the form of a rail comprises electromagnetic emitting
means designed to emit an electromagnetic radiation to at least one electrical apparatus.
The monitoring device comprises electromagnetic emitting means designed to emit an
15 electromagnetic radiation to at least one electrical apparatus and to receive a return signal.
The electrical installation comprising electrical apparatuses, at least one support and or a
monitoring device.